



## **Shmuel De-Leon Energy - Battery Weekly Newsletter**

May 20, 2022, No. 646

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[Battery Industry Upcoming updated list](#)  
[Battery market reports 2022](#)

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### ***Virtual Battery Trainings***

31.5-1/6/2022 EV & ESS High Voltage Battery Pack Design Virtual Seminar (5 hours - 2 parts of 2.5 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

5-7/7/2022 Battery Virtual Seminar (8 hours - 4 parts of 2 hours each) -

16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

Li-Ion Cells Manufacturing Virtual Seminar - 19-20/7/2022 - 7 hours training - [Program & Registration](#)

### ***Frontal Battery Training***

20-21/6/2022 - 2nd EV Hands-On Battery and Production Seminar - [program and registration](#)

7-8/9/2022 - 8th Li-Ion Cells Manufacturing Seminar - [program & registration](#)

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### ***Special Offers***

Shmuel De-Leon Energy support customer with Li-Ion cells supply problems via our Far East cell suppliers - Join our cells customers group and get a weekly update with cells allocations and offers. send us request to be added to our cells customers group.

[Shmuel De-Leon Energy provides an on-demand purchasing services for cells and batteries from all chemistries and vendors](#)

[Shmuel De-Leon Energy provide a new Battery Daily News Service - Sign up for free 30 days trial](#)

### ***Batteries and Super Capacitors news***

[Europe's first homegrown battery plant from Northvolt begins shipments](#)

[Ganfeng lithium industry: it is expected that the planned capacity of 2gwh first generation solid state battery will be gradually released this year](#)

[BYD reached a 50% market share in LFP batteries, surpassing CATL in April](#)

[Companies Join to Create First Mass Manufacturing of Sodium-ion Batteries](#)

[Imec spin-off SOLITHOR closes a €10M seed investment round to develop a new disruptive solid-state battery cell technology](#)

[LG Chem Develops Advanced Plastic Product to Prevent Thermal Runaway in EV Batteries](#)

[Panasonic: Tesla Asked Us To Speed Up Development Of 4680-Type Batteries](#)

[JLNPhenix Energy expands lithium battery capacity to 550 MWh/year](#)

[Labor Wants Aussie-Made Batteries to Be as 'Recognisable as Holden'](#)

[Forsee Power Inaugurates Its Mass Production Site for Smart Battery Systems Dedicated to Heavy Vehicles in Chasseneuil-du-Poitou, France](#)

[Australia's first battery giga-factory nearly complete, signs up local suppliers](#)

[Eos manufacturing expansion underway, 14% drop in materials costs for zinc battery storage](#)

[Biden battery plan under scrutiny after \\$3 billion push](#)

[Germany greenlights over 150 million euros for Northvolt battery factory](#)

[BYD Ousts CATL as China's Top Seller of Lithium Iron Phosphate EV Batteries in April](#)

[Princeton NuEnergy Raises \\$7M in Seed Funding for Lithium-ion Battery Recycling](#)

[Koch Strategic Platforms Leads \\$102M Series D Funding Investment in 6K To Accelerate Battery Material Production and Recycling](#)

[Israel's StoreDot demos electric vehicle battery that can recharge in 10 minutes](#)

[Battery maker Amprius Tech to go public via \\$939 mln SPAC merger](#)

[Tesla asks Panasonic to speed up development of its 4680 battery cell](#)

[Ilika reports growing demand for its batteries for miniature medical devices](#)

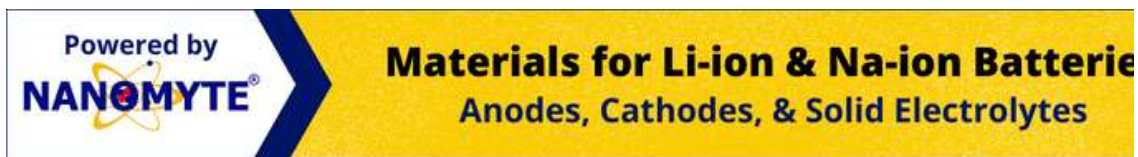
[Farasis presents 'Ultra High Power' battery cells](#)

[China's Power Battery Output Tops 29.0 GWh in April](#)

## ***Battery Materials news***

[Posco to supply ProLogium with solid-state battery materials](#)

[Start-up raises \\$12M to commercialise liquified gas electrolyte for lithium-ion batteries](#)



[NEI Corporation](#) is now offering custom produced, pre-cut electrodes. The new product complements our extensive line of materials and testing services for both lithium-ion and sodium-ion batteries.

[ACE to build the largest battery recycling plant in North America in Texas](#)

[Neometals inks battery recycling plant deal with Mercedes](#)

### ***Chargers & BMS News***

[Swappable batteries can help spur electric scooter use across the globe](#)

[Trackwise to increase cell-to-pack interconnection volumes](#)

[Gogoro Launches in Israel, Brings Its Battery Swapping Platform and E-Scooters to Tel Aviv](#)

[LION Smart Production GmbH and BMW AG signed agreement to acquire product and production license](#)

### ***Grid Storage Batteries News***

[Innergex selects Mitsubishi Power for battery storage projects](#)

[Australia's big batteries: new storage to match the rise of renewable](#)

[US builder plans 200,000 home microgrids using zinc batteries](#)



[The 5th FENIBAT](#) will gather in Londrina, Paraná, Brazil, from May 22 to 24, 2022, the Brazilian and Latin American battery and lead recycling industry with its international suppliers through its Expo and Conference. The FENIBAT public includes not only industrialists, high management and investors but also middle-managers, supervisors and technicians of Administration, Purchasing, Production, Maintenance, Projects and Product Development, Quality Control, Laboratories, Metrology, Work Health and

Safety, Environment, etc.; In this issue, we will also have, as part of FENIBAT, the 1st FENILITIO, a part, in the Exhibition and Conference, dedicated to new battery chemistries that are under development.

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[Cathode Summit 2022 - Virtual - May 24-25, 2022](#)

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Following the success of the 1st and 2nd event editions, [ACI's European Electric Vehicle Batteries Summit](#) will be taking place in Rotterdam, the Netherlands on 8<sup>th</sup> – 9<sup>th</sup> June 2022 . It will bring together industry leaders from major car manufacturers, off high road vehicle manufacturers & battery producers. Don't miss out on this excellent networking opportunity.  
. Agenda [Here](#)

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AABC Europe - 13-15 June 2022

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June 21-22, 2022 - The Battery Electric Vehicles Architectures USA Congress 2022 is pitched at the whole vehicle systems design level to help OEMS and tier 1-3 supplier partners understand the key engineering trends and new technology applications for the next generation of B.E.V.s. **Topics like these on improving energy efficiency, balancing thermal performance and weight reduction** are amongst the key engineering themes driving many of the OEM panel presentations

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[The International Flow Battery Forum \(IFBF®\)](#) is the leading event for the flow battery community. The IFBF promotes the most recent developments in the science, technology and deployment of flow batteries and its conferences cover a broad range of interests in research and commercial

aspects of flow batteries. Since 2010 the IFBF has been running conferences attracting over 250 attendees each year.

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[The Battery Show Europe](#) : 28-30/6/12/2022 - Join industry peers at the leading meeting place for the advanced battery and H/EV technology community, where you can meet over 500 suppliers and watch live product demonstrations. Register today for a complimentary pass. Running alongside the free-to-attend trade fair is an expert-led conference with speakers from top manufacturers. - **Messe Stuttgart, Germany.**

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[Battery Cells & System Expo 2022](#) - A major exhibition and conference for the advanced battery industry launches on 29th-30th, June, 2022 at the NAEC Stoneleigh, Warwickshire UK. This international showcase of manufacturers, users and the entire supply chain working to increase battery performance, cost and safety will gather in the heart of UK manufacturing.

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Battery Experts Forum

THE international expert platform for the latest trends, product developments and solutions in battery technology will be back in 2022. Three days full of inspiring presentations, informative exhibition stands and active networking await you from July 12-14 at Messe Frankfurt. Register now and book your exclusive booth space for your company or get your conference ticket to an affordable early bird price! More information on [www.battery-experts-forum.com](http://www.battery-experts-forum.com)

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[Solid State battery summit 2022 - August 2-3, 2022 - Chicago, IL, USA](#)

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Hans H. Schive from Asker, Norway together with Shmuel De-Leon Energy will organize the [4th Oslo Battery Days conference](#) in Oslo, Norway, August 22-23, 2022.

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The 4th International Symposium on Magnesium Batteries (MagBatt IV) will take place from September 6 to 8, 2022 in Ulm, Germany. As always we will welcome some of the world's top battery speakers. This time we extend the program with calcium, zinc and aluminum batteries.

Web: <https://www.postlithiumstorage.org/en/magbatt-iv>

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## THE BATTERY SHOW

### NORTH AMERICA

**The Battery Show** - September 12-15, 2022 Headline: Ready to Inspire the Next Great Battery Application? Now in its 10th year, The Battery Show 2021 is North America's largest and most comprehensive annual trade show event for the advanced battery manufacturing industry representing the entire supply chain from raw materials through end-of-life battery recycling. Combined with the Electric & Hybrid Vehicle Technology Expo, this two-in-one event gives you a complete end-to-end view across the entire battery supply chain.

**Electric & Hybrid Vehicle Technology Expo** - Headline: Join the Auto Revolution at the EVT Show. Each year, engineers, innovators, and thought leaders converge in Novi, Michigan, for a conference and expo dedicated to the fast-moving EV and HEV drive train and power system industries. Combined with The Battery Show, this two-in-one event offers the latest in electric motors, cooling, converters, and charging as well as an end-to-end view across the complete battery supply chain.

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**The 6th World Energy Storage Day**- Global Conference and virtual Expo (GCE), which will be held on 22 September 2022. WESD is a global movement initiated by various apex trade bodies working to promote and adopt energy storage, e-mobility & green hydrogen technologies for a sustainable future. This event is one of the largest open global event in this domain. The program highlights include: Country roundtable, Technology workshop, Partner seminar, Virtual tour, Start-up pitch, Product launch, Networking lounge, Virtual expo, Media corner

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The 12th Battery Safety Summit 2022 - October 17-19, 2022

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[Batteries Event 2022](#) will take place in Lyon, France, 18-22/10/2022. Our ambition: to be a must-attend event for those who want to meet with high level representatives and have a clear vision of the profound transformations to come, made possible by the massive growth of the battery industry in Europe. We will welcome you in Lyon, from October 18 to 21, at Palais des Congrès. We expected +500 attendees, 100 international speakers and +60 booths.

Site : <https://batteriesevent.com/>

Linkedin : <https://www.linkedin.com/in/batteries-event-lyon-france-896140146/>

Twitter : @BatteriesEvent

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3rd Future Battery Forum

Nov 3 - 4, 2022 // ECC Berlin + Online

3rd Future Battery Forum 20212

- Topic: " Next level: Establishing the battery society"
  - Date: 03 - 04.11.2022
  - Location: Estrel Convention Center, Berlin, Germany
  - Target groups: users, battery systems & cell manufacturers and their suppliers
  - Hybrid conference: 500+ people on site and 2,000+ virtually
  - [Floorplan](#)
  - Details: [www.futurebattery.eu](http://www.futurebattery.eu)
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[AABC USA](#) - 5-8 December 2022

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16-17 March 2023 - Rechargeable batteries attract attention year after year in the fields of automobile/housing/business applications and mobile applications. [BATTERY JAPAN 2023](#) is the world's largest\* exhibition specialized in manufacturing and R&D of rechargeable batteries. All kinds of materials, manufacturing technologies, inspection/analysis equipment, and battery itself will gather from around the world. Exhibit & Visit the show to expand your business in Japan and Asia!

(\* "Largest" in reference to the met exhibit space of trade shows with the same concept.)



[The 15th China International Battery Fair \(CIBF2023\)](#), organized by China Industrial Association of Power Sources, was originally planned to be held in Shenzhen Convention & Exhibition Center. The novel corona virus is spreading all around the world. In order to protect the health and life safety of exhibitors, visitors and partners, and ensure the exhibition results of exhibitors at home and abroad, we solemnly announce: the 14th China International Battery Fair, CIBF2021 will be held in Shenzhen Convention & Exhibition Center on March 17-29, 2023, and the exhibition venue, booth number and area of exhibitors will remain unchanged.



International battery seminar & exhibit 2023 - March 20-23/2023



**InterBattery2023**, first launched in 2013 in Seoul, Korea, is Korea's leading battery exhibition showcasing various new products and technologies of battery industry. InterBattery 2023 attracts more than 400 exhibitors(domestic/overseas) and 1,200 booths including global top corporates of battery manufacturers such as Samsung SDI, LG Energysolution, SK On, CATL. **CHARGE Your Business through InterBattery 2023** ! The link for our website is : <http://interbattery.or.kr/en/>



[49th Power Sources Conference](#), TBD 2023, Sawgrass Marriott Resort, Jacksonville, FL, USA

The Power Sources Conference is the oldest continually held biennial conference devoted to research and development of power source, energy conversion, power distribution and management technologies for military use. The conference goal is to bring Government, industry and academic researchers and developers together to discuss advances in power and energy technologies to support the growing power demands of military platforms and electronic systems.

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